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| Attention: | MAIL STOP AMENDMENT Group Art Unit: 2611 Examiner: BAYARD, EMMANUEL | Fax: | (571) 273-8300 |
| UNITED STATES PATENT AND TRADEMARK OFFICE | | Phone: | (571) 272- |
| Pages: | Cover + 2 + 2 + 1 + 1 = 7 | Date: | June 29, 2006 |
| From: | Georgann S. Grunebach | Fax: | (310) 964-0941 |
| | Assistant General Counsel | Phone: | (310) 964-4615 |

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Georgann S. Grunebach, Reg. No. 33,179
Telephone No. (310) 964-4615 (Printed Name of Person Signing Certificate)

June 29, 2006
(Date of Signature)

Attention: Commissioner for Patents**Attorney Docket No. PD-201149**

Please find attached Re:

Serial No.: 10/693,421

Filing Date: October 24, 2003

- SUPPLEMENTAL DISCLOSURE STATEMENT WITH FEE
(2 pages in duplicate)
- SUBSTITUTE PTO FORM 1449 (1 page)
- FOREIGN PATENT (English abstract) JP 03139027 (1 page)

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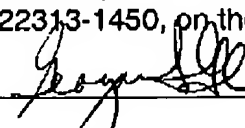
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Patent
PD-201149
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen : I hereby certify that this correspondence is
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: Georgann S. Grunebach
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Group Art Unit: 2611 :
Examiner: BAYARD, Emmanuel : Date: June 29, 2006

SUPPLEMENTAL DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 (d)
WITH FEE AS SET FORTH IN §1.17(p)

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The reference cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

Reference Citation Nos. 1, 2, 5 and 6 were cited in a European Search Report dated March 29, 2006 in the European counterpart application of related U.S. patent application serial number 10/532,509 filed on April 25, 2005.

Reference Citation Nos. 3 and 4 were cited in an foreign communication dated April 19, 2006 in the Korean counterpart application of related U.S. patent application serial number 10/962,346 filed on October 8, 2004.

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Serial No. 10/693,421.....JUN 29 2006.....Page 2

This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

Certification Under 37 C.F.R. §1.97(e)

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(1)).

PAYMENT OF FEE SET FORTH IN §1.17(p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. **This form is being submitted in duplicate.**

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 
Georgann S. Grunebach, Reg. No. 33,179

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Telephone No. (310) 964-4615

June 29, 2006

JUN 29 2006

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| Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Complete if Known | |
| | | Application Number | 10/693,421 |
| | | Filing Date | 10-24-2003 |
| | | First Named Inventor | Ernest C. Chen |
| | | Art Unit | 2611 |
| Date: June 29, 2006 | | Examiner Name | BAYARD, Emmanuel |
| Sheet 1 of 1 | | Attorney Docket Number | PD-201149 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Document Number Number-Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|----------|-------------------------------------|--------------------------------|--|---|
| | 1 | US-4,637,017 | 01-1987 | Assal et al. | |
| | 2 | US-5,940,025 | 08-1999 | Koehnke et al. | |
| | 3 | US-2002/0158619 | 10-2002 | Chen, Ernest C. | |
| | 4 | US-6,426,822 | 07-2002 | Winter et al. | |
| | 5 | US-6,741,662 | 05-2004 | Francos et al. | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Foreign Patent Document Country Code-Number-Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
|--------------------|----------|---|--------------------------------|--|---|---|
| | 6 | JP 03139027 | 06-1991 | Nippon Telegraph and Telephone Corporation | | |
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| Examiner Signature | | Date Considered | |
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